

Title (en)

BLOCKCHAIN-BASED DATA PROCESSING METHOD AND APPARATUS

Title (de)

BLOCKCHAIN-BASIERTES DATENVERARBEITUNGSVERFAHREN UND -VORRICHTUNG

Title (fr)

PROCÉDÉ ET APPAREIL DE TRAITEMENT DE DONNÉES BASÉS SUR UNE CHAÎNE DE BLOCS

Publication

EP 3819803 A4 20220112 (EN)

Application

EP 19901292 A 20191101

Priority

- CN 201811573423 A 20181221
- CN 2019115015 W 20191101

Abstract (en)

[origin: EP3819803A1] One or more embodiments of the description provide(s) a blockchain-based data processing method and apparatus. The blockchain comprises a service acceptance platform node device and a service data processing entity node device. The method comprises: the service acceptance platform node device receives service processing application data of a target user; generate a first service processing result on the basis of the service processing application data according to a preset first service processing step; send a first transaction to the blockchain, the first transaction comprising the first service processing result, so that the first transaction is recorded in a distributed database of the blockchain after consensus verification by the blockchain, and the first service processing result being used for the service data processing entity node device to generate a second service processing result on the basis of the first service processing result according to a preset second service processing step.

IPC 8 full level

G06F 21/62 (2013.01); **G06F 21/64** (2013.01); **G06Q 40/04** (2012.01); **G06Q 40/08** (2012.01); **H04L 9/32** (2006.01)

CPC (source: CN EP US)

G06F 21/6218 (2013.01 - CN); **G06F 21/64** (2013.01 - CN EP); **G06Q 40/04** (2013.01 - CN); **G06Q 40/08** (2013.01 - CN EP US); **H04L 9/0825** (2013.01 - US); **H04L 9/3239** (2013.01 - EP); **H04L 9/50** (2022.05 - EP); **H04L 9/50** (2022.05 - US); **H04L 2209/46** (2013.01 - US)

Citation (search report)

- [XII] TW M554608 U 20180121 - CATHAY LIFE INSURANCE CO [TW]
- [XII] US 2018260909 A1 20180913 - LI NING [CN]
- See references of WO 2020125234A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3819803 A1 20210512; **EP 3819803 A4 20220112**; CN 110020543 A 20190716; CN 110020543 B 20200915; SG 11202101516R A 20210330; TW 202026979 A 20200716; US 11270388 B2 20220308; US 2021158455 A1 20210527; WO 2020125234 A1 20200625

DOCDB simple family (application)

EP 19901292 A 20191101; CN 201811573423 A 20181221; CN 2019115015 W 20191101; SG 11202101516R A 20191101; TW 108136239 A 20191007; US 202117163659 A 20210201